

PI 516491. *Astragalus asterias* Steven ex Ledeb. FABACEAE

Donated by: Rumbaugh, M.D., Forage and Range Research Lab., USDA-ARS, Utah State University, Logan, Utah, United States; and Graves, W., Cooperative Agricultural Extension, 5556 Overland Avenue, Building 4, San Diego, California, United States. Received January 1986.

donor id: GR 470. **origin:** Morocco. **collected:** July 15, 1983. **locality:** Arid site, 9km S of Tizi-Ouzli on Road S 312, N of Aknoul. **elevation:** 1300m. **remarks:** Plants dessicated. Wild. Seed.

PI 516492 to 516495. *Astragalus hamosus* L. FABACEAE

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PI 516492 **donor id:** GR 288. **origin:** Morocco. **collected:** July 06, 1983. **locality:** Roadside, 16km SE of Tiflet. **elevation:** 300m. Wild. Seed.

PI 516493 **donor id:** GR 322. **origin:** Morocco. **collected:** July 06, 1983. **locality:** Shallow red brown soil, heavily grazed, 15 1/2km NW of Maaziz on S 204. **elevation:** 450m. Wild. Seed.

PI 516494 **donor id:** GR 385. **origin:** Morocco. **collected:** July 11, 1983. **locality:** Roadside, 48km SW of Chechaouen, SE of Sebt on Road P 28. **elevation:** 125m. Wild. Seed.

PI 516495 **donor id:** GR 466. **origin:** Morocco. **collected:** July 15, 1983. **locality:** Arid site, 5km N of Aknoul on Road S 312. **elevation:** 1250m. **remarks:** Pods few. Three years of below average rainfall. Wild. Seed.

PI 516496 to 516502. *Astragalus* sp. FABACEAE

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